### **JUDGING MATERIALS**

3-D ANIMATION VISUALIZATION TECHNOLOGY					
JUDGES OFFICIAL RATING SHEET	LEVEL I or II (circle one)				
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.					
Entrant's ID #					
JUDGING CRITERIA					
Planning15 points (story board)					
Modeling15 points					
Animating15 points					
Rendering15 points					
Originality15 points					
Theme illustration15 points					
Rules Violation minus 20 points					
TOTAL 90 points maximum					
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Judges are required to t	total the scores , 2 <sup>nd</sup> , and 3 <sup>rd</sup> pla	and indicate, lacements	oy Entrants II	D#,	

I certify these results to	be true and accurate to t	he best of my knowle	dge and ability.
Evaluator's Signature			

ARCHITECTURAL MODEL I & II									
JUDGES OFFICIAL RATING SHEET					LEVE	L I or II	(circle d	one)	
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.									
Entrant's ID # JUDGING CRITERIA									
Functional Design15 points									
Interior Planning									
Landscaping									
Overall appearance15 points									
Quality of Construction15 points									
Interview10 points									
Quality of Drawing10 points									
Model Materials List 5 points maximum									
Rules Violation minus 20 points									
TOTAL100 points maximum									

I certify these results to be true and accurate to the best of my knowledge and ability.
Evaluator's Signature

ARCHITECTURAL MODEL INTERVIEW I & II						
JUDGES OFFICIAL RATING SHEET		L	EVEL I or II (	circle one)		
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.						
Entrant's ID # JUDGING CRITERIA						
Discussion of rationale for overall building design2 points						
Selection of building materials (metal, wood brick composite)2 points						
Selection and placement of windows and entrances2 points						
Landscape and outside treatment1 point						
Site and building placement1 point						
Special treatments and innovative applications1 point						
Overall presentation and/or display features1 point						
Rules Violation minus 20 points						
TOTAL10 points maximum						

I certify these results to be true and accurate to the best of my knowledge and ability.
Evaluator's Signature

	(Do-Ah			
JUDGES OFFICIAL RATING SHEET	LEVE	L I or II (circle one)		
Submitted drawing (do-ahead) will equal	75% of the score.			
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.				
Entrant's ID #				
JUDGING CRITERIA				
Accuracy of Drawing22 points				
Dimensioning22 points				
Completeness15 points				
Placement of Views8 points				
Line Type + Thicknesses				
Neatness4 points				
Rules Violationminus 15 points				
TOTAL75 points maximum				

I certify these results to be true and accurate to the best of my knowledge and ability	•
Evaluator's Signature	

## **CADD – ARCHITECTURAL I & II** (On-Site) JUDGES OFFICIAL RATING SHEET LEVEL I or II (circle one) Hands-on competition will equal 25% of the score. Avoiding Ties is strongly requested. Please identify 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> places. Entrant's ID# **JUDGING CRITERIA Accuracy of Drawing** ......7 points Dimensioning ......7 points Completeness .....5 points **Placement of Views** ......2 points Line Type + Thicknesses ......2 points **Neatness** ......2 points **Rules Violation** minus 5 points Subtotal.....25 points maximum Add in total points from "Do-aheads" TOTAL .....100 points maximum

I certify these results to be true and accurate to the best of my knowledge and ability.
Evaluator's Signature

JUDGES OFFICIAL RATING SHEET	(DU-A	head)	LEVEL I or II	(circle one)	
Submitted drawing (do-ahead) will equal 7	5% of the score	).		,	
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.					
Entrant's ID #					
JUDGING CRITERIA					
Accuracy of Drawing22 points					
Dimensioning22 points					
Completeness15 points					
Placement of views					
Line Type + Thickness4 points					
Neatness4points					
Rules Violation minus 15 points					
TOTAL75 points maximum					

1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> placements

I certify these results to be true and accurate to the best of my knowledge and ability.	
Evaluator's Signature	

## **CADD - MECHANICAL I & II** (On-Site) JUDGES OFFICIAL RATING SHEET LEVEL I or II (circle one) Hands-on competition will equal 25% of the score. Avoiding Ties is strongly requested. Please identify 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> places. Entrant's ID# **JUDGING CRITERIA Accuracy of Drawing** ......7 points Dimensioning ......7 points Completeness .....5 points **Placement of Views** ......2 points Line Type + Thicknesses ......2 points **Neatness** ......2 points **Rules Violation** minus 5 points Subtotal.....25 points maximum Add in total points from "Do-Aheads" TOTAL .....100 points maximum

I certify these results to be true and accurate to the best of my knowledge and ability.	
Evaluator's Signature	

	CHA	PTER	TEA	M I M	& II					
JUDGES OFFICIAL RATING SHEET					LEVEL	l or II (	circle o	ne)		
Avoiding Ties is strongly requested. Plea	se ident	ify 1 <sup>st</sup> , 2 <sup>n</sup>	d and 3rd	places.						
Entrant's ID # JUDGING CRITERIA										
Team Appearance10 points maximum  a. Poise										
Knowledge of TSA Procedures										
Knowledge of Parliamentary Procedures										
Communications										
Preparation of Meeting Place										
per 30 seconds for every 30-second interval over the allotted 15 minutes  Non-possession of typed minutes from										
previous meeting minus 10 points										
Rules Violation minus 20 points										
TOTAL 100 points maximum				-	-	-	-		-	

I certify these results to be true and accurate to the best of my knowledge and ability	/.
Evaluator's Signature	_

CONSTR	CONSTRUCTION TECHNOLOGY I & II								
JUDGES OFFICIAL RATING SHEET					LEVE	L I or II	(circle d	one)	
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.									
Entrant's ID #									
JUDGING CRITERIA									
Accuracy and Validity of Solution35 points									
Completion of Solution30 points									
Safe Work Practices20 points									
Proper Utilization of Materials, Tools and Equipment									
Rules Violationminus 20 points									
TOTAL100 points maximum									

I certify these results to be true and accurate to the best of my kn	owledge and ability.
Evaluator's Signature	

CYBERSPACE PURSUIT						
JUDGES OFFICIAL RATING SHEET		LEVEL I or II (circle one)				
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.						
Team/Chapter ID #						
JUDGING CRITERIA						
Overall website design and originality15 points						
Tech Ed Content15 points						
TSA Chapter Info15 points						
Scope and sequence of design brief presentation15 points						
Website compatibility with different browsers, monitor resolutions, and plug-ins etc						
Interview10 points						
Rules Violation minus 20 points						
TOTAL 100 points maximum						

I certify these results to be true and accurate to the best of my knowledge and ability.	
Evaluator's Signature	

DESIGN VEHICLE I & II									
JUDGES OFFICIAL RATING SHEET					LEVE	L I or II	(circle d	one)	
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.									
Entrant's ID #									
JUDGING CRITERIA									
Contestants' entries shall be ranked in numerical order, on the basis of final score to be determined by each judge without consultation. The winner will be that contestant whose total averaged score is highest. Other placings shall be determined in the same manner.									
Originality40 points									
Design Portfolio20 points									
Drawing and New Car Brochure20 points									
Aesthetics10 points									
Workmanship10 points									
Rules Violation minus 20 points									
TOTAL100 points maximum									

I certify these results to be true and accurate to the best of my knowledge and ability.	
Evaluator's Signature	

DESKTOP PUBLISHING I & II (Do-Ahead)					
JUDGES OFFICIAL RATING SHEET	LEVEL I or II (circle one)				
Submitted drawing (do-ahead) will equal	90% of the score.				
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.					
Entrant's ID # JUDGING CRITERIA					
Proper use of layout principles and effective placement of body text and art25 points					
Originality of art work15 points					
Technical quality (effects)15 points					
Visual Quality/General Appeal15 points					
Readability5 points					
Rules Violation minus 15 points					
TOTAL75 points maximum					
	total the scores and indicate, by Entrants ID#, st, 2 <sup>nd</sup> , and 3 <sup>rd</sup> placements				
I certify these results to be true a	and accurate to the best of my knowledge and ability.				

DES	ONTOP PUBLIS On-Site)			
JUDGES OFFICIAL RATING SHEET	(On One)		r II (circle one)	
Hands-on competition will equal 10% of t	he score.			
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.				
Entrant's ID #				
JUDGING CRITERIA				
Proper use of layout principles and effective placement of body text and art8 points				
Originality of art work5 points				
Technical quality (effects)5 points				
Visual Quality/General Appeal5 points				
Readability2 points				
Rules Violation minus 5 points				
Subtotal25 points maximum				
Add in total points from "Do-Aheads"				
TOTAL100 points maximum				
I certify these results to be true a	ntrants ID#, 1 <sup>st</sup> , 2	<sup>nd</sup> , and 3 <sup>rd</sup> plac	ements	
Evaluator's Signature				

#### **DRAGSTER DESIGN I & II** (Metric/500 - CO<sub>2</sub>) JUDGES OFFICIAL RATING SHEET LEVEL I or II (circle one) Avoiding Ties is strongly requested. Please identify 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> places. Entrant's ID# **JUDGING CRITERIA** Design .....6 points maximum a. Appearance......3 points b. Finish......3 points Drawing ......20 points maximum a. Accuracy ......10 points b. Dimensions ......2 points c. Irregular Curves......2 points d. Line Thickness ......2 points e. Neatness......2 points f. Point-to-Point Contact......2 points Construction (quality of work, etc.).....14 points **Speed Trials** 1<sup>st</sup> Place ......60 points 2<sup>nd</sup> Place......56 points 3<sup>rd</sup> Place ......52 points 4<sup>th</sup> Place ......48 points 5<sup>th</sup> & 6<sup>th</sup> Place.....45 points 7<sup>th</sup> & 8<sup>th</sup> Place......40 points 9<sup>th</sup> thru 12<sup>th</sup> Place.....35 points 13<sup>th</sup> thru 16<sup>th</sup> Place.....30 points 17<sup>th</sup> thru 24<sup>th</sup> Place.....25 points 25<sup>th</sup> thru 32<sup>nd</sup> Place ......20 points All other finishers......10 points Rules Violation ..... minus 20 points TOTAL .....100 points maximum

I certify these results to	be true and accurate to the best of my knowledge and ability.
Evaluator's Signature Revised 10-6-05	248

ELECTRONIC SYSTEMS I & II CUSTOM DESIGN										
JUDGES OFFICIAL RATING SHEET		LEVEL I or II	(circle one)							
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.	Avoiding Ties is strongly requested.  Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.									
Entrant's ID #										
JUDGING CRITERIA										
Complexity of Entry20 points										
Quality of Work20 points										
Ingenuity10 points										
Parts List10 points										
Schematic Drawing10 points										
Written Description of Application and Use10 points										
Subtotal80 points										
Oral Interview20 points										
Rules Violation minus 20 points										
TOTAL100 points maximum										

I certify these results to be true and accurate to the best of my knowledge and ability.
Evaluator's Signature

ELECTRONIC SYSTEMS I & II  Demonstration						
JUDGES OFFICIAL RATING SHEET			or II (circle one)			
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.						
Entrant's ID #						
JUDGING CRITERIA						
Overall Quality of Work30 points						
Accuracy of Work20 points						
Completeness of Project20 points						
Methods of Construction20 points						
Neatness of Work10 points						
A composite score from the written test and from the judging criteria will determine the winners.						
Rules Violationminus 20 points						
TOTAL100 points maximum						
		<u> </u>	<u> </u>			

I certify these results to be true and accurate to the best of my knowledge and ability.	
Evaluator's Signature	

Flight Challenge Level								
JUDGES OFFICIAL RATING SHEET LEVEL I								
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.								
Entrant's ID # JUDGING CRITERIA								
Flight Duration Flight #1								
Flight #2								
Flight #3								
Flight #4								
FLIGHT TOTALI (Top 3 times)								
FLIGHT RANK								
Documentation Factor (Ranging from 1.01 for low to 1.20 for high. To calculate: Multiply assigned documentation notebook factor by flight total)								
Rules Violation Divide flight total by 1.2								
TOTAL SCORE								
RANK ORDER								

I certify these results to be true and accurate to the best of my knowledge and ability.	
Evaluator's Signature	

Flight Endurance Level II									
JUDGES OFFICIAL RATING SHEET LEVEL I or II (circle one)									
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.									
Entrant's ID #									
JUDGING CRITERIA									
Flight #1									
Flight #2									
Landing Bonus (10 seconds per flight)									
FLIGHT TOTAL									
Notebook 1.01 for no flight log or 2.01 for best accurate report									
SUBTOTAL (To calculate, multiply notebook factor by total.)									
Rules Violation minus 20 points	_								
TOTAL									

I certify these results to	be true and accurate	e to the best of my	/ knowledge and ability.
Evaluator's Signature			

IMAGING TECHNOLOGY I & II (Do-Ahead)									
JUDGES OFFICIAL RATING SHEET LEVEL I or II (circle one)									
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.									
Entrant's ID #									
JUDGING CRITERIA									
Composition20 points									
Effectiveness in Theme20 points									
Written Test20 points									
Creativity/Special Effects15 points									
Display Quality10 points									
Lighting10 points									
Processing and Finish5 points									
Rules Violation minus 20 points									
TOTAL100 points maximum									

I certify these results to be true and accurate to the best of my knowledge and abil	ity.
Evaluator's Signature	

JOB INTERVIEW I & II  Do-Ahead							
JUDGES OFFICIAL RATING SHEET			LEVEL I d	or II (circle o	ne)		
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.						<u>,                                    </u>	
Entrant's ID #							
JUDGING CRITERIA							
Resume and Cover Letter total of							
a. Appropriate information10 points							
b. Neatness10 points							
c. Organization of facts in an orderly manner10 points							
Subtotal							
Interview total of 70 points							
Communication Skills20 points							
Demonstration of ambition, initiative and drive20 points							
Grooming, Appearance and Attire15 points							
Self-confidence and Poise15 points							
Rules Violation minus 20 points							
TOTAL100 points maximum							
Judges are required to 15	st, 2 <sup>nd</sup> , and	3 <sup>rd</sup> placer	nents			O#,	

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Evaluator's Signature \_\_\_\_\_

Revised 10-6-05

MANUFACTURING TECHNOLOGY I & II							
JUDGES OFFICIAL RATING SHEET		LEVEL I or II (circle one)					
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.							
Entrant's ID #							
JUDGING CRITERIA							
Appearance and Quality30 points							
Manufacturing Scenario25 points							
Product Design20 points							
Product Function							
Bill of Materials							
Rules Violation minus 20 points							
TOTAL100 points maximum							

I certify these results to be true and accurate to the best of my knowledge and ability.
Evaluator's Signature

PREPARED PRESENTATION I & II										
JUDGES OFFICIAL RATING SHEET	LEVEL I or II (circle one)									
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.										
Entrant's ID #										
JUDGING CRITERIA										
Presentation										
Subtotal 70 points										
Use of Audio/Visual Materials										
Rules Violation minus 20 points										
Comments:										
TOTAL100 points maximum										

certify these results to be true and accurate to the best of my knowledge and abi	lity.
Evaluator's Signature	

#### PROMOTIONAL COMMUNICATIONS I & II Do-Ahead JUDGES OFFICIAL RATING SHEET LEVEL I or II (circle one) Avoiding Ties is strongly requested. Please identify 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> places. Entrant's ID# JUDGING CRITERIA **Explanation of Production Process** .....4 points **Public Service Announcement** ......28 points maximum a. Message Quality ......10 points (conveyed to audience) b. Organization Quality......5 points c. Storyboard and Script.....4 points d. Audio Quality......3 points e. Technical Quality......3 points f. Visual Quality ......3 points Deduction - five points for each two seconds over or under the time limits Subtotal ...... 32 points **Promotional Video** ......68 points maximum a. Message Quality ......20 points (conveyed to audience) b. Organization Quality......15 points c. Storyboard and Script......12 points d. Audio Quality......7 points e. Technical Quality......7 points f. Visual Quality ......7 points Deduction - five points for each two seconds over or under the time limits Rules Violation ..... minus 20 points **TOTAL 100 points maximum**

I certify these results to be true and accurate to the best of my knowledge and ability
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Evaluator's Signature	
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PROMOTIONAL GRAPHICS I & II								
JUDGES OFFICIAL RATING SHEET	LEVEL I or II (circle one)							
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.								
Entrant's ID #								
JUDGING CRITERIA								
Effectiveness								
Aesthetics								
Mechanics								
Technical								
Rules Violation minus 20 points								
TOTAL100 points maximum								

Judges are required to total the scores and indicate, by entrants ID# 1 <sup>st</sup> , 2 <sup>nd</sup> , and 3 <sup>rd</sup> placements								
I certify these results to	be true and accurate to the best of my knowledge and ability.							
Evaluator's Signature _								
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# SAFETY POSTER I & II **COMPUTER-GENERATED** JUDGES OFFICIAL RATING SHEET LEVEL I or II (circle one) Avoiding Ties is strongly requested. Please identify 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> places. Entrant's ID# **JUDGING CRITERIA** Contestants shall be ranked in numerical order on the basis of final score to be determined by each judge without consultation with each other. The winner will be that contestant whose total score is the highest. Other placings shall be determined in the same manner. Scoring will be based upon the following: Eye Appeal ......30 points **Safety Content Validity** ......20 points a measurement of the entrant's ability to present a valid safety theme for a Technology Education classroom. Organization ......20 points Originality ......20 points Neatness ...... 10 points

Judges are required to total the scores and indicate, by Entrants ID#, 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> placements

I certify these results to	be true and accurat	e to the best of my	knowledge and ability.	
Evaluator's Signature				

Rules Violation ..... minus 20 points

TOTAL .....100 points maximum

# SAFETY POSTER I & II **HAND-GENERATED** JUDGES OFFICIAL RATING SHEET LEVEL I or II (circle one) Avoiding Ties is strongly requested. Please identify 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> places. Entrant's ID# **JUDGING CRITERIA** Contestants shall be ranked in numerical order on the basis of final score to be determined by each judge without consultation with each other. The winner will be that contestant whose total score is the highest. Other placings shall be determined in the same manner. Scoring will be based upon the following: Eye Appeal ......30 points **Safety Content Validity** ......20 points a measurement of the entrant's ability to present a valid safety theme for a Technology Education classroom. Organization ......20 points Originality ......20 points Neatness ...... 10 points Rules Violation ..... minus 20 points TOTAL .....100 points maximum

Judges are required to total the scores and indicate, by entrants ID#, 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> placements

i certify these results to b	be true and accurate to the t	best of my knowledge and abil	ity.
Evaluator's Signature			

Revised 10-6-05

STRUCTURAL ENGINEERING I & II									
JUDGES OFFICIAL RATING SHEET					LE	/EL I or	II (circle	one)	
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.									 
Team Captain's ID # EVALUATIVE CRITERIA									
Check here when Structure Plan is received.  Note: the Structure Plan has no point value; however, a plan must be submitted or the entry will not be considered for competition. In case of a tie, the structure plan is used to determine the winner.									
Check here for proper Structure Size.  Note: the Structure must be within the specified size limits set for this particular conference. Any structure not of the proper size will not be considered for competition.									
Load at failure expressed in newtons (lbs. x 4.45)									
Weight of structure express in grams.									
Efficiency Rating – see rules for proper formula. All ratings should be accurate to three decimal places. Example: 1.123 Load failure divided by weight of structure.									
Rules Violationminus 20% of Efficiency Rating									
Comments/Notes (only)									
TOTAL100 points maximum									

I certify these results to	be true and accurate to the best of my knowledge and ability.
Evaluator's Signature _	

TECHNOLOGY PROBLEM SOLVING I & II											
JUDGES OFFICIAL RATING SHEET					LEVEL I or II (circle one)						
Avoiding Ties is strongly requested. Please identify 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> places.		ı									
Entrant's ID #											
JUDGING CRITERIA											
Solution CreativityTBD by Judges											
Solution DesignTBD by Judges											
Solution FunctionTDB by Judges											
Solution OriginalityTDB by Judges											
Subtotal											
Rules Violation minus 20 points											
TOTAL100 points maximum	_										

I certify these results to be true and accurate to the best of my knowledge and ability.	
Evaluator's Signature	